• COLORADO RIVER •

AQUEDUCT NEWS

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

VOLUME XXV SEPTEMBER, 1958 NUMBER 9

The installation of the second barrel of siphons on the Colorado River Aqueduct continues to move forward. In the photo above the steel plate cylinder for the cast-in-place transition from the existing canal section into the second barrel of the West Sand Draw siphon near Iron Mountain Pumping Plant is shown being jacked into place. When installed, the steel section will be lined with gunite and incased with reinforced concrete. The work, which is being performed by the American Pipe and Construction Company, is scheduled for completion by December 31, 1958.

District's New Investments In L. A. County $47 Million

Nearly $47 million has been invested in Los Angeles County by the Metropolitan Water District since 1952 when the District embarked on a $200 million expansion program to bring the Colorado River Aqueduct and its distribution system to the full planned delivery capacity of more than one billion gallons of water a day, Robert B. Diemer, General Manager and Chief Engineer of the District, stated this month.

"Practically all of the money invested in Los Angeles County has been for new distribution facilities to meet the growing demands for more Colorado River water to supply the needs of our phenomenal population and industrial growth," Mr. Diemer declared.

The work completed thus far in Los Angeles County consists of Garvey Reservoir in Monterey Park and approximately 80 miles of major distribution lines ranging in size from 36 inches to 78 inches. Garvey Reservoir has a capacity of 500,000,000 gallons and forms an important link in the Colorado River Aqueduct system, serving the southern portion of Los Angeles County and Orange County.

Mr. Diemer pointed out that this does not include $122 million in construction work already completed or now being carried forward in other counties, nor does it include more than $43 million in construction planned for the future. More than half of the future construction will also be located in Los Angeles County, he said.

"The expansion of the main Aqueduct to its full capacity will benefit all areas in the Metropolitan Water District," Mr. Diemer said. "The main Colorado River Aqueduct, which is 242 miles in length, extends from its intake above Parker Dam on the Colorado River to Lake Mathews, 10 miles southwest of Riverside. The total length of the aqueduct system, including the main

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Water Service Available Only to Areas in District

On the basis of action taken by the Board of Directors, the Metropolitan Water District has declared the policy that it will not make available, directly or indirectly, water for use by areas lying outside the boundaries of the District, it was announced by Board Chairman Joseph Jensen.

The Board's action, Chairman Jensen stated, will apply to the cities lying outside the District's boundaries that are named as defendants in pending litigation to establish the maximum amount of water which the cities of Riverside, San Bernardino, Colton and Redlands have a right to take from the Santa Ana River watershed. Since Riverside is in the boundaries of the Metropolitan Water District, Colorado River water will continue, of course, to be available to it, Chairman Jensen said.

The pending water rights litigation was instituted by the Orange County Water District, and a judgment of the Superior Court was entered on June 7, 1957 which had the effect of greatly reducing the amount of water which the four defendant cities have a right to take from the Santa Ana River watershed. Following the entering of the Superior Court judgment, the defendant

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306 West Third Street
Los Angeles, California

Published monthly in the interest of Field and Office Workers on the Colorado River Aqueduct, and for the information of all other citizens of the Metropolitan Water District.

Vol. XXV September, 1958 No. 9

Los Angeles County

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Aqueduct and the expansion work completed thus far, is 653 miles."

Mr. Diemer said that when the Metropolitan Water District first began delivering Colorado River water to the coastal plain in 1941 there were 13 cities in the District, 10 of these in Los Angeles County and 3 in Orange County. Today there are 83 incorporated cities in the District, 43 of which are in Los Angeles County. The other 40 cities are located in the counties of Orange, Riverside, San Diego and San Bernardino. The District also includes large unincorporated areas and now has an area of more than 3200 square miles, Mr. Diemer stated.

"The overall expansion program of the MWD to supply additional Colorado River water to the 7,000,000 people living in this area will call for an investment by the District of more than $200 million," Mr. Diemer declared.

"Construction work on the expansion of the main Aqueduct will be completed early in 1960," Mr. Diemer said. "This will bring the main Aqueduct to its full planned delivery capacity of more than one billion gallons of water a day, or enough to meet the needs of 3,500,000 more people than now live in the Metropolitan Water District.'

Board Policy

(Continued from Page One)

cities secured a ruling from the Fourth District Court of Appeals which holds up the application of the judgment pending the appeal by the defendant cities to the higher State courts.

On the basis of action taken by the Metropolitan Water District Board of Directors, it was pointed out, there will be no Colorado River water available to the San Bernardino County cities to make up the amounts they have been pumping from the Santa Ana River watershed in excess of their adjudicated quantities.

Edward A. Clarke Is New District Controller

EDWARD A. CLARKE

Edward A. Clarke, former Assistant Controller of the Metropolitan Water District, has been named to the position of Controller by the District Board of Directors. Mr. Clarke succeeds Albert W. McKinlay who passed away July 11.

As Controller of the District, which is currently engaged in a $200 million expansion program to bring additional Colorado River water to the 7,000,000 people now living in the District, Mr. Clarke will be in charge of fiscal affairs in connection with the expansion work including the issuance of bonds to finance part of the work.

He will be responsible for all auditing and general accounting functions and maintain all general ledgers which display the complete financial affairs of the District. He will also prepare the reports and assemble certificates of the county auditors relating to assessed valuations upon which tax levies are determined and prepare the budgets each year for the operation and maintenance of the Colorado River Aqueduct.

Mr. Clarke was born in Bryant, South Dakota and came to Southern California with his parents at an early age. He was educated in Los Angeles city schools and acquired several years of valuable experience in freight traffic, accounting and purchasing with the Luckenbach Steamship Co. and the Bethlehem Shipbuilding Corp. before joining the Metropolitan Water District as a General Clerk in 1933.

He has been in the service of the District continuously since that time, rising to the position of Accountant in 1942 and Chief Accountant in 1948. In 1956 he was promoted to Assistant Controller, the position he has held until this time.

For the RECORD

(The following items are noted from the report of General Manager and Chief Engineer Robert B. Diemer, filed September, 1958, covering District operations for August, 1958.)

Colorado River—The water surface of Lake Mead dropped 4.42 feet to elevation 1,198.97 feet above sea level and usable storage decreased 644,000 acre-feet to 23,814,000 acre-feet on August 31, 1958. The discharge at Hoover Dam for August averaged 14,800 cubic feet per second as compared with 14,500 in July and with 12,640 cfs in August, 1957. Discharge at Parker Dam in August averaged 13,850 cfs.

Pumping and Power—Hayfield plant delivered 54,990 acre-feet during August. Pumping was continuous with four pumps and a fifth pump operated intermittently until August 30, when pumping was decreased to a four pump flow for the remainder of the month. The Parker-Davis system and the Hoover power plant were in parallel with the District's system continuously throughout the month, while the Edison system was out of parallel for 1 hour and 13 minutes. The District's share of Parker energy in August was 28,400,212 kwhrs, all of which was used in the District system. Peak deliveries to and from Edison Co. were 110,000 kw and 125,000 respectively.

Weymouth Softening and Filtration Plant—Colorado River water was softened from 304 ppm of hardness to 174 ppm at an average rate of 402 cfs during August. Daily rate of flow varied from a maximum of 463 cfs to a minimum of 343.

Construction—Construction work on the distribution system progressed as follows: Schedule 62P (Culver City Lateral) the contract was accepted as completed on August 31, 1958; Schedules 76SC, 77SC and 78SC (Lower Feeder) the contract is 44% complete; Schedules SD8P and SD9P (Second San Diego Aqueduct) the contract is 37% complete; Schedules SD-10P and SD11SC the contract is 7% complete.

Pumping Plant Expansion — The contract on the installation of Pumping Units 7, 8 and 9 is 25% complete; Pump Delivery Line No. 3 is 77% complete.

Siphon work on main aqueduct (Earp to Whitewater)—Contracts 669 and 672—is 82% complete.

Purchasing—Total expenditures covered by 480 purchase orders and 4 agreements amounted to $125,653 in August.

Special Counsel Howard Reports on Supreme Court Suit

A report on the conclusion of presentation of factual evidence on August 28 in the Arizona vs. California lawsuit over water rights on the Colorado River was submitted to the District Board of Directors at its meeting on September 16 by Special Counsel James H. Howard.

In his report, Mr. Howard stated, in part:

"Trial of the action was resumed on August 11th and continued through August 28th.

"Arizona had made no attack on the factual evidence introduced on behalf of the Metropolitan Water District, but had directed its evidence toward the agricultural uses in California, particularly, in the Imperial Valley and Coachella Valley. There being no factual material to rebut, The Metropolitan Water District offered no additional evidence. . . .

"Toward the end of the session, the Special Master called for discussion of the method of briefing argument to be adopted. He said that the case was not one which would permit the usual method of briefing, that is, a brief on the part of plaintiff, a response by defendants, and a closing brief for plaintiff. Instead, he suggested, and finally directed, that each party concurrently file its proposed findings of fact and the conclusions of law which such party seeks to have embodied in the final decree, supported by a brief keyed to the several conclusions.

"Realizing the magnitude of the task, the Court fixed March 1, 1959 as a date when such material should be filed. Thereafter, a period of sixty days will be allowed for the filing of responses to all adverse briefs, followed by an additional 30-day period for such further comment as may be in order. All such material is to be in by June 1st of next year, at which time the Special Master will undertake to analyze the facts and the law for the purpose of formulating a decree.

"While the indications are that the time scheduled can be met, the Special Master left the door open for application for additional time, should circumstances require such extension. It was stated from the bench that oral argument at this stage would not be useful, but that when the issues have been isolated and crystalized, argument might be helpful. Such oral argument, if it occurs, presumptively, will not be held until sometime next fall . . .

"Statistically, the records show 132 trial days, 22,593 pages of transcript, and 3,986 exhibits.

"This office is now engaged in a review of the extensive record and preparation of the proposed findings, and conclusions, and briefs as directed by the court."

General Manager and Chief Engineer Robert B. Diemer, top left, who was a delegate at the inauguration of Dr. Clark Kerr as the new president of the University of California, is shown with his official escort, Dr. Wayne L. McNaughton, Professor of Business Administration at UCLA, and their ladies prior to the inaugural ceremony. Left to right the ladies are Mrs. Diemer; Mrs. Helen Williamson, daughter of Mr. and Mrs. Diemer; and Mrs. McNaughton. Mr. Diemer represented his Alma Mater, the University of Missouri, at the inauguration.

District Invites Bids For $18,000,000 Bond Issue

The Metropolitan Water District, on September 16, invited bids on $18,000,000 in Waterworks Bonds, Series Three. The funds from the sale of the bonds will be used in connection with the District's $200 million expansion program.

Sealed bids will be received by the District at its Los Angeles office up to 11:00 a.m. Pacific Standard Time, October 14, 1958, at which time they will be opened by the Board of Directors.

Two previous issues of similar bonds in the amounts of $15,000,000 and $18,000,000 have been sold by the District under the provisions of Proposition "W" which was authorized by the voters at the June 5, 1956, election.

General Manager Attends UC Inauguration Ceremony

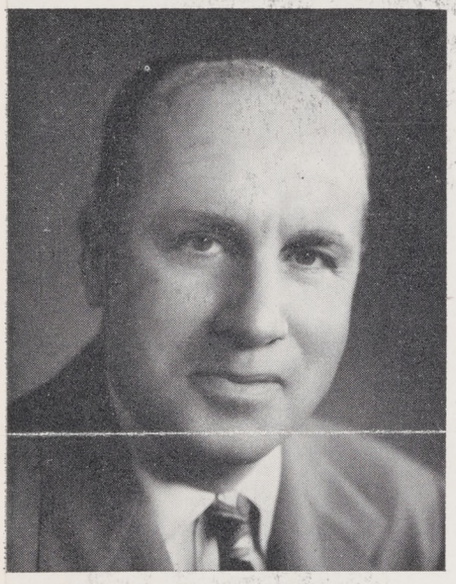
General Manager and Chief Engineer Robert W. Diemer, on September 26, had the honor of representing his Alma Mater, the University of Missouri, at the inauguration of Dr. Clark Kerr as the new president of the University of California.

Several hundred delegates, representing colleges and universities from all over the world, attended the impressive ceremony which was held on the beautiful UCLA campus. Mr. Diemer represented his University at the request of University President Elmer Ellis.

The delegates participated in the stately Academic Procession and, during the ceremony, sat on a large platform with the Regents, deans and other University heads.

UCLA's Chancellor Raymond B. Allen presided over the ceremony and introduced President Kerr, who made his inaugural address.

NEWS FROM FIELD AND OFFICE



LESTER D. MARTIN—20 Years of Service

Lester D. Martin became eligible for his 20-year pin on September 28, 1958. He came to work for the District as a Chainman on main aqueduct survey crews in January, 1933, transferring to the position of Clerk in Division 3, Headquarters Office, in May, 1934.

When the District's construction work was completed in 1941, he left to become Office Manager for Contractors, Pacific Naval Air Bases. Les returned to the District in October, 1946, and took up the duties of Clerk and Storekeeper on the construction of the second unit of the Softening and Filtration Plant. Upon the completion of this work he became Storekeeper in charge of all distribution system supplies.

He was appointed Purchasing Agent in 1951, and in 1953 he became Personnel Manager in addition to being Purchasing Agent.

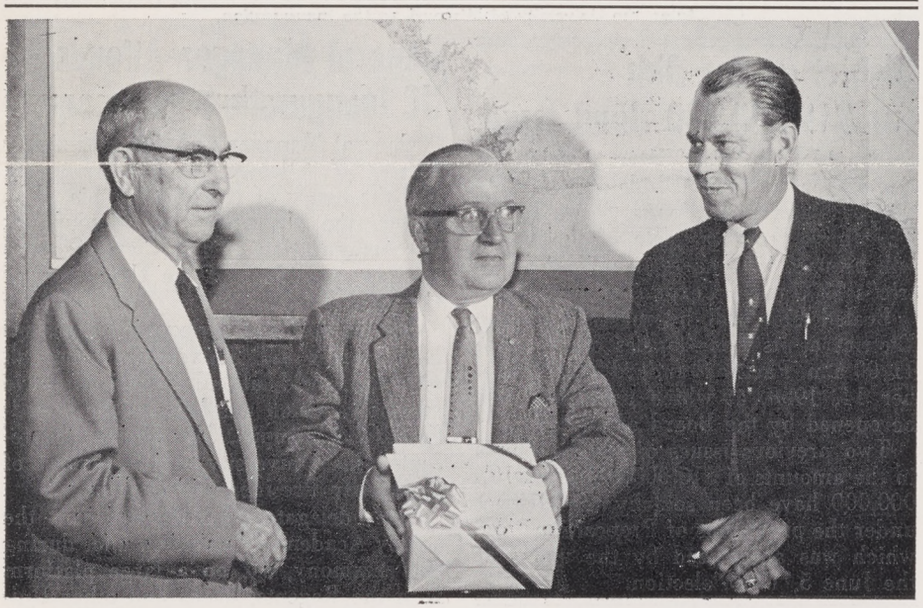
* * *

John L. (Johnny) Powell, Mechanical Foreman at the Softening Plant, retired September 22 after more than 25 years of service with the District. He was first employed by the District in March, 1933, on the installation of the District's construction water system. He continued in various jobs until 1940 when he transferred to the Softening Plant as a Maintenance Mechanic, becoming a Mechanical Foreman in 1952.

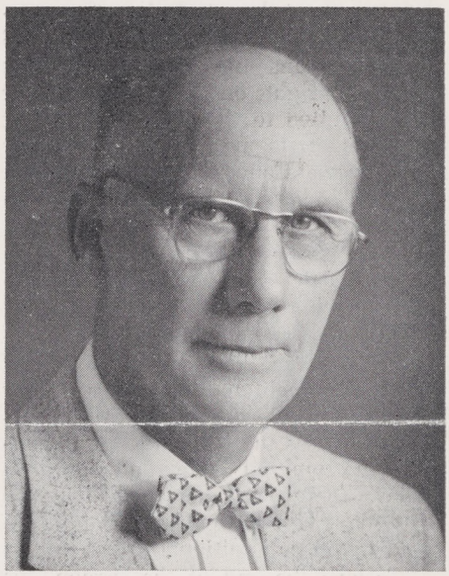
He was presented with a watch and a check from his many District friends and a testimonial in recognition of his long and faithful service.

* * *

District employees extend their sympathy to M. G. (Smeddy) Smedegaard, Engineer on Construction-Design, on the recent death of his mother, Mrs. Metha K. Smedegaard, who passed away September 27 as the result of a heart attack. She was 76 years of age. Funeral services were held at Blowers Mortuary in Santa Ana. Interment was at the Melrose Abbey Mausoleum.



George H. Swanman, center, Senior Accountant, who retired from the District in September at the age of 70, is shown at his farewell party with General Manager and Chief Engineer Robert B. Diemer, left, and William S. Merrithew, Distribution Engineer. On behalf of George's multitude of friends in the District, Mr. Diemer presented George with a pair of Bushnell Rangemaster binoculars. Mr. Diemer commented that it was difficult for everyone to believe that George was really 70 years of age.



HARRY T. SWANGO—25 Years of Service

Harry T. Swango completed 25 years of service with the District on September 20. He was first employed as a Telephone Operator on September 20, 1933, and during construction of the Aqueduct Harry served as a Maintenance Electrician and Patrolman for the telephone system.

In April 1942 Harry became a Patrolman-Lineman for both the telephone and 230-kv transmission systems and in August 1945 a Maintenance Mechanic at Gene Pumping Plant. In October 1947 Harry became a System Operator, the position he is actively engaged in at the present time. Harry has been very active from time to time in other District activities such as Secretary of the Board of Control of the Employees Association.

* * *

Robert W. (Tommy) Thompson, Assistant Engineer, has returned from a month-long vacation tour of Europe. He flew over the polar route to Brussels where he spent three days viewing the World's Fair. From there he visited Amsterdam and England before taking a ship to Norway, Sweden and Denmark. He then returned to London where he spent five days, with a one-day side trip to Paris, before flying back to the United States.

* * *

Mitzi Shimamura, Utility Clerk in H. J. (Hank) Mills' office, was married to Carl Asato in Las Vegas on July 20. On behalf of Mitzi's fellow employees, Hank presented her with a check in the amount of $70 and a record album. Mitzi plans to apply the money on a new Hi-Fi set.